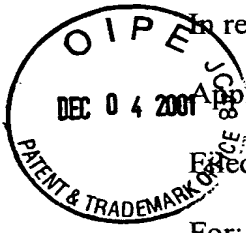


#4/a

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of: Betenbaugh, et al.

Application Serial No.: 09/930,440

Group Art Unit: 1651

Filed: August 16, 2001

Examiner: To Be Assigned

For: Engineering Intracellular
Sialylation Pathways

Attny Docket No.: PF509P2

AMENDMENT WITH STATEMENTS UNDER 37 C.F.R. § 1.825(A) AND (B)

BOX MISSING PARTS
Commissioner For Patents
Washington, D.C. 20231

Sir:

Prior to examination of the application referenced above, please enter the following amendments and consider the remarks below:

In the Sequence Listing:

Please delete the Sequence Listing submitted with the application as originally filed on August 16, 2001, and replace it with the substitute Sequence Listing submitted herewith.

REMARKS

Applicants herewith submit a paper copy of a Substitute Sequence Listing (12 pages) and, a computer-readable diskette containing the Substitute Sequence Listing. The Substitute Sequence Listing (paper copy and computer readable form (CRF)) is submitted herewith to comply with the formalities under 37 C.F.R. . § 1.822 and/or 1.823 noted on the Notice to File Missing Parts mailed October 4, 2001, and the accompanying marked up "Raw Sequence Listing."